

EPA Resources potentially available to assist The State of Michigan with the PFAS municipal water situation in Kalamazoo County, Michigan

Immediate assistance available:

1. EPA Removal Program contractors are available to provide 3 2-person teams to assist MDEQ staff with the sample collection from private drinking water wells in the affected area. Staff is knowledgeable in PFAS sampling protocols. We assume MDEQ would coordinate the teams and provide the sampling media (bottles and preservative for EPA method 537 V1.1 analysis.)
2. Analytical services for Non-drinking water samples (discharge water or water being flushed through the system for treatment and discharge). ASTM method 7979-1 through EPA lab in Chicago. The Parchment wells would need to be sampled via EPA Method 537 V1.1 because it is ground water for drinking water.
3. EPA ORD could continue to provide technical support on water chemistry issues associated with distribution system changeover to Kalamazoo.

Assistance with concurrence by EPA HQ:

4. Temporary carbon treatment of water being flushed through the Parchment system prior to surface water discharge. This would be emergency response ERRS contractors and subcontracts, expected daily burn rate of ~\$20,000 plus disposal costs for spent carbon.
5. Temporary carbon treatment of the source water to allow Parchment to continue using their own wells for providing water to the system.
6. Permanent carbon units added to the water treatment facility in Parchment, with their agreement to take over long term operation and maintenance. Similar additions in Michigan municipal systems roughly \$500,000 capital investment.
7. Additional bottled water or point of use filters for residents.
8. Organizational support to the State to assist them with staffing an Incident Command Structure to organize the response. EPA staff and payroll costs, may impact ongoing regional projects.